

In The Claims

Please amend the claims as follows:

1. (CURRENTLY AMENDED) An optoelectronic assembly-(300) comprising an optical emitter-(102) for emitting light along a main optical path, at least one mouldable, substantially rigid optical light guide-(310) having a first end-(314) for receiving a small proportion of the light from the main optical path and a second end-(315), and at least one photodetector-(304) located adjacent the second end-(315) of the optical waveguide-(310) for receiving light there from.
2. (CURRENTLY AMENDED) An optoelectronic assembly according to claim 1, wherein the optical emitter-(102), the at least one photodetector-(304) and the at least one optical light guide-(310) are mounted on a substrate-(124) and the at least one photodetector-(304) is arranged at a periphery of the substrate.
3. (CURRENTLY AMENDED) An optoelectronic assembly according to claim 1, wherein the optical emitter-(102) is mounted on a substrate-(124) and the at least one photodetector-(304) is mounted on a second substrate-(130).
4. (CURRENTLY AMENDED) An optoelectronic assembly according to ~~any preceding claim 1~~, including a plurality of mouldable, substantially rigid optical light guides-(310), and a plurality of photodetectors-(304), the plurality of optical light guides each having a second end-(315) located adjacent a respective one of the photodetectors.
5. (CURRENTLY AMENDED) An optoelectronic assembly according to claim 4, wherein the plurality of photodetectors-(304) is mounted as an array-(302) adjacent the periphery of the substrate or the second substrate-(130).
6. (CURRENTLY AMENDED) An optoelectronic assembly according to claim 5, wherein the plurality of optical light guides-(310) is manufactured as a single assembly for mounting to the substrate.

7. (CURRENTLY AMENDED) An optoelectronic assembly according to ~~any preceding claim 1~~, wherein the optical light guide(s) includes at least one structural feature to facilitate interception of the light from the main optical path.

8. (CURRENTLY AMENDED) An optoelectronic assembly according to ~~any one of claims 1 to 6~~, further comprising means for splitting (110, 114) a small proportion of light from the main optical path into a secondary light path and wherein the first end of the optical light guide(s) is positioned in the secondary light path.

9. (CURRENTLY AMENDED) An optoelectronic assembly according to ~~any preceding claim 1~~, wherein the optical waveguide(s) is made from a stable, low absorption plastics material.

10 (CURRENTLY AMENDED) An optoelectronic assembly according to ~~any preceding claim 1~~, wherein the optical waveguide(s) includes one or more fiducials to facilitate alignment of the waveguide to the substrate.